Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. **(Currently amended)** An apparatus for processing electronic tag information, the apparatus receiving product identification codes read from electronic tags, the apparatus comprising:

a processor; and

a storage device, coupled to the processor, having a computer program stored therein;

wherein product information is provided, or stored in the storage device, ~~characterized in that~~ <u>and wherein</u> the product information includes: ~~an~~ <u>for a set of individual products, a product name</u> identification code<u>, a product name, and a price</u> ~~of a set product~~; <u>for the individual products contained in the set, a product name</u> ~~an~~ identification code<u>, a product name, and a unit price</u> ~~of individual products contained in the set product~~; and a number of the individual products <u>contained in the set</u>, and

the computer program causes the processor to ~~substantially~~ perform the steps of:

(a) for each product identification code read from an electronic tag and provided, incrementing a corresponding product cumulative count ~~Ni, where "i" corresponds to a product identification code~~ <u>for a corresponding product name identification code</u>;

(b) ~~determining whether the product identification code identifies the set of individual products or the individual products themselves by~~ referring to the product information, ~~when judging that the product identification code read from the electronic tag and provided is a set product,~~

~~(c) if it is determined that the product identification code identifies the set of individual products,~~ subtracting ~~a~~the number ~~nj~~of the individual products ~~of~~in the set ~~product~~from a product cumulative count ~~Nj~~of the individual products; ~~and~~

~~(e) in response to the end of information-reading from at least one electronic tag, outputting information associated with a product identification code whose product cumulative count Nk is not zero, and the product cumulative count Nk~~ (d) calculating the mathematical product of a product price and a product cumulative count for each product name identification code; and

(e) outputting a receipt to a printer based on the product cumulative count and the calculated mathematical product.

2. **(Currently amended)** The apparatus for processing electronic tag information according to claim 1, ~~wherein the product information further includes: the identification code, name, and price of an individual product; and the name and price of the set product,~~

~~wherein the computer program further causes the processor to perform the step of:~~

~~calculating the product of the price and the product cumulative count Ni of a~~ ~~product having an identification code whose product cumulative count Ni is not zero; and~~

~~in step (c), as the associated information, outputting the product name, and~~ ~~product of each corresponding product identification code, and the cumulative sum of the~~ ~~products~~<u>further comprising the step of:</u>

<u>(f) in response to the end of information-reading from electronic tags,</u> <u>outputting information associated with a product name identification code whose product</u> <u>cumulative count is negative, and associated with the product cumulative count.</u>

3. **(Currently amended)** The apparatus for processing electronic tag information according to claim 1,

~~wherein a mode signal is further provided,~~

~~wherein the computer program causes the processor to, in step (c~~<u>d</u>~~) when~~ ~~the mode signal indicating a set product verification mode, output excess or deficiency~~ ~~information, as the associated information, of individual products contained in a set~~ ~~product when the product cumulative count N~~k ~~of the individual products is not~~ ~~zero~~<u>wherein, in step (e), the receipt includes outputting the product name, the calculated</u> <u>mathematical product, and the cumulative sum of the product name identification code.</u>

4. **(Currently amended)** The apparatus for processing electronic tag information according to claim 1,

wherein a mode signal is further provided,

wherein the computer program causes the processor to, in step (ed) when the mode signal indicating a sale-statement mode, output deficiency information, as the associated information, of the individual products contained in a the set product when the product cumulative count of the individual products is a negative value.

5. **(Currently amended)** The apparatus for processing electronic tag information according to claim 4,

wherein the product information further includes a table having a field of product name identification code and a field of flag indicating whether or not the product name identification code identifies a set of individual productsproduct,

wherein the computer program causes the processor to, in step (b), judge whether or not the product name identification code identifies a set of individual products product based on the table.

6. **(Previously presented)** A POS terminal comprising an apparatus for processing electronic tag information according to claim 5, wherein the product information is provided from other information processing apparatus which manages the product information in a unified way.

7. **(Currently amended)** A computer program product, comprising: a computer readable storage medium having a computer program stored thereon for processing electronic tag information, wherein the computer program causes a processor

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coupled to a storage device to ~~substantially~~ perform the steps of, under the condition that product information is provided, or stored in the storage device, wherein the product information includes: for a set product, a product name ~~an~~ identification code, a product name, and a price ~~of a set product~~; for individual products contained in the set product, a product name ~~an~~ identification code, a product name, and a unit price ~~of individual products contained in the set product~~; and a number of the individual products contained in the set product:

(a) for each product identification code read from an electronic tag and provided, incrementing a corresponding product cumulative count for a corresponding product name identification code ~~Ni, where "i" corresponds to a product identification code~~;

(b) referring to the product information, ~~when~~ for judging whether ~~that~~ the product identification code read from the electronic tag and provided is ~~a~~ the set product or not, subtracting ~~a~~ the number ~~nj~~ of the individual products of the set product of the product information from a product cumulative count ~~Nj~~ of the individual products when the judgment is positive; ~~and~~

(c) ~~in response to the end of information-reading from at least one electronic tag, outputting information associated with a product identification code whose product cumulative count Nk is not zero, and the product cumulative count Nk~~ calculating the mathematical product of a product price and a product cumulative count for each product name identification code; and

(d) outputting a receipt to a printer based on the product cumulative count and the calculated mathematical product.

8. **(New)** The computer program product according to claim 7, wherein the computer program further causes the processor to perform the steps of:

(e) in response to the end of information-reading from electronic tags, outputting information associated with a product name identification code whose product cumulative count is negative, and associated with the product cumulative count.